

Project Title	Funding	Strategic Plan Objective	Institution
UNS: Developing Pupillary Light Reflex Technologies for Early Screening of Neurodevelopmental Disorders in Infants	\$300,026	Q1.L.A	University of Missouri
Integrating New Technologies to Assess Visual and Attentional Influences on Movement and Imitative Behavior in Autism	\$52,020	Q1.Other	University of North Texas
Evaluating pupil size as a diagnostic tool in autism	\$10,039	Q1.L.A	University of Washington
Biomarkers in Autism: Bridging Basic Research with Clinical Research	\$13,947	Q1.L.A	Children's Hospital Boston
Consortium on Biomarker and Outcome Measures of Social Impairment for Use in Clinical Trials in Autism Spectrum Disorder	\$0	Q1.L.A	Foundation for the National Institutes of Health
Quantification of Learning Algorithm Performance to Inputs of Variable Complexity: Implications for Emotional Intelligence in Autism Spectrum Disorder	\$15,791	Q1.L.B	Children's Hospital Boston
MEG/MRS Dose Response Study of STX209 in ASD	\$59,903	Q1.L.A	Children's Hospital of Philadelphia
Bridging Basic Research with Clinical Research with the Aim of Discovering Biomarkers for Autism	\$0	Q1.L.A	Autism Consortium
The early development of attentional mechanisms in ASD	\$178,903	Q1.L.B	University of Massachusetts, Boston
Pupillometry: A biomarker of the locus coeruleus and hyperfocused attention	\$60,000	Q1.L.B	Geisinger Clinic
Identification of candidate serum antibody biomarkers for ASD	\$0	Q1.L.B	University of Texas Southwestern Medical Center
Development of a blood-based biomarker for autism	\$124,993	Q1.L.A	University of California, San Francisco
A functional near-infrared spectroscopy study of first signs of autism	\$61,232	Q1.L.A	Stanford University
Tracking Intervention Effects with Eye Tracking	\$124,982	Q1.L.C	Yale University
Biomarkers of Emotion Regulation, Social Response & Social Attention in ASD	\$124,827	Q1.L.C	Women & Infants Hospital
Objective measures of social interactions via wearable cameras	\$125,000	Q1.L.C	Georgia Tech Research Corporation
Development of postural control variability and preferential looking behavior in	\$194,733	Q1.L.A	University of Nebraska
Eyeblink conditioning in school-aged children with ASD	\$497,699	Q1.L.A	SEATTLE CHILDREN'S HOSPITAL
Development of infant brain MEG responses to social stimuli: comparison to ASD	\$176,278	Q1.L.A	Children's Hospital of Philadelphia
Evaluating Plasma and Urine Porphyrins as Biomarkers of ASD	\$164,726	Q1.L.A	BATTELLE CENTERS/PUB HLTH RES & EVALUATN
Early parent-infant coordination and later language in infants at risk for ASD	\$43,120	Q1.L.A	University of Pittsburgh
Predicting the Decline of Social Attention in Infants at Risk for Autism	\$176,818	Q1.L.A	University of California, Los Angeles
Infant Social Development: From Brain to Behavior	\$58,694	Q1.L.A	Yale University

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3/5-The Autism Biomarkers Consortium for Clinical Trials	\$709,293	Q1.L.B	University of California, Los Angeles
Divergent biases for conspecifics as early markers for Autism Spectrum Disorders	\$242,662	Q1.L.A	New York University
fcMRI in Infants at High Risk for Autism	\$439,808	Q1.L.A	Washington University in St. Louis
2/5-The Autism Biomarkers Consortium for Clinical Trials	\$804,222	Q1.L.B	CHILDREN'S HOSPITAL CORPORATION
Autism: Social and Communication Predictors in Siblings	\$653,284	Q1.L.A	HUGO W. MOSER RES INST KENNEDY KRIEGER
Change in social adaptive action and brain connectivity in infants' first 6 months	\$196,499	Q1.L.A	Emory University
Neural assays and longitudinal assessment of infants at very high risk for ASD	\$185,656	Q1.L.A	University of California, Los Angeles
Early Biomarkers of Autism Spectrum Disorders in infants with Tuberous Sclerosis	\$1,360,955	Q1.L.A	CHILDREN'S HOSPITAL CORPORATION
5/5-The Autism Biomarkers Consortium for Clinical Trials	\$757,490	Q1.L.B	Yale University
Extraction of Functional Subnetworks in Autism Using Multimodal MRI	\$359,174	Q1.L.B	Yale University
1/5-The Autism Biomarkers Consortium for Clinical Trials	\$741,668	Q1.L.B	Duke University
4/5-The Autism Biomarkers Consortium for Clinical Trials	\$701,337	Q1.L.B	University of Washington
Visual Fixation on the Mouth: A Potential Index of Language Acquisition and Delay	\$29,500	Q1.L.A	Emory University
Early-Stage Visual Processing in ASD: Neurophysiological Biomarkers Using Visual Evoked Potentials	\$0	Q1.L.B	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Baby Siblings Research Consortium	\$13,730	Q1.S.B	Autism Speaks (AS)
Exploring Social Attribution in Toddlers At Risk for Autism Spectrum Disorder (ASD)	\$0	Q1.L.A	Georgia State University
Markers of Early Speech Development in Children at Risk for Autism	\$0	Q1.L.B	Boston University
Identifying Biomarkers for Early Detection of Prosody Disorders in ASD using Electroglottography	\$0	Q1.L.A	Emory University
Undergraduate Research Award	\$3,000	Q1.L.A	Yale University
Undergraduate Research Award	\$3,000	Q1.L.B	University of California, Santa Barbara
Novel Methods to Understand Brain Connectivity in Autism	\$0	Q1.L.B	Yale University
Undergraduate Research Award	\$0	Q1.L.C	Yale University
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$0	Q1.L.B	Yale University
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$0	Q1.L.B	University of Texas San Antonio

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Serum antibody biomarkers for ASD	\$0	Q1.L.A	University of Texas Southwestern Medical Center
Epigenetic biomarkers of autism in human placenta	\$0	Q1.L.A	University of California, Davis
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$0	Q1.L.B	University of California, San Diego
Biomarkers for autism and for gastrointestinal and sleep problems in autism	\$0	Q1.L.A	Yale University
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	\$0	Q1.L.A	City of New York, College of Staten Island

